

APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)		DATE: 31 Oct 02	
1. Heliport Designation or Coordinates: Camp Howze H-108			
2. Responsible Unit: 4-7 Cav			
3. Largest Helicopter Accommodated: UH-60/AH-64			
4. Elevation 285'	5. Best Approach Heading: 170 deg		6. Best Departure Route: 350 deg
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Sloping Terrain on West, East, and North Side of Pad Ball Park to SW			
b. Probable Wind Currents:			
c. Other (Specify): Possible parking available 100' South of Pad – Soil is mixture of sod and loose dirt			
8. Landing area		9. Landing Pad(s)	
Width: 80'	Length: 100'	Width: 40'	Length: 50'
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Concrete Pad – Lateral movement limited due to sloping terrain. No tiedowns			
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): See item 10 – some fwd movement authorized as required (on heading 170-180 degrees)			
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> :1			
13.	Distance from edge of landing pad to fixed objects: 37' (softball fld w/lights)		
	Do these interfere with helicopter approaches or departures? No		
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? No			
a. Is it possible to remove the obstructions listed above?			
b. If obstructions cannot be removed, are they properly marked? No			
15. Is there an installed wind indicator? Yes Is it:			
a. Properly located? No		b. Serviceable? Yes	c. Readily visible from the air? Day–Yes, Night - No
16. Is there a plan, and are the necessary equipment and supplies on hand, to prevent hazardous conditions due to snow and ice? None			
17.	Does the helipad size permit landings when one or more helicopters are already on the ground? yes		
	Are Parking spaces clearly marked from the air? No		
18. Are warning signs displayed or guidelines drawn to prevent people from walking into moving rotor blades? Yes, signs only			

H-108





LZ NAME AND COORDINATES: H108 (Camp Howze) CG0810 7980	DATE: 31 OCT 02
Elevation: 285	LARGEST HELICOPTER ACCOMMODATED: CH-47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN:	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE:
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:



SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE 31 OCT 02	
1. Heliport Designation or Coordinates: H-112 Camp Stanton					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: UH-60					
4. Elevation 21 m		5. Best Approach Heading: 360		6. Best Departure Route: 360	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep				b. Probable Wind Currents: 360 but Variable	
c. Other (Specify):					
8. Landing area Width: 65 ft		Length: 1100 ft		9. Landing Pad(s) Width: 30 ft	
				Length: 30 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Paved					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): Paved					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> :1					
13. Distance from edge of landing pad to fixed objects: 50 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? yes					
a. Is it possible to remove the obstructions listed above? no					
b. If obstructions cannot be removed, are they properly marked? No (wires to S and N not marked)					
15. Is there an installed wind indicator? yes Is it:					
a. Properly located? yes		b. Serviceable? yes		c. Readily visible from the air? yes	

Camp Greaves H-122



H-122

APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

<p>SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)</p>			<p>DATE: 31 OCT 02</p>	
<p>1. Heliport Designation or Coordinates: Camp Greave H-122 CG00700970</p>				
<p>2. SEE VFR ARIVAL/DEPT</p>				
<p>3. Responsible Unit: 4-7 Cav for survey</p>				
<p>4. Largest Helicopter Accommodated: ONE AIRCRAFT UH-60/AH-64</p>				
<p>4. Elevation 200</p>		<p>5. Best Approach Heading:</p>		<p>6. Best Departure Route:</p>
<p>7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain:</p>			<p>b. Probable Wind Currents:</p>	
<p>c. Other (Specify):</p>				
<p>8. Landing area Width:</p>		<p>Length:</p>		<p>9. Landing Pad(s) Width:</p>
				<p>Length:</p>
<p>10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any):</p>				
<p>11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any):</p>				
<p>12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better :1</p>				
<p>13. Distance from edge of landing pad to fixed objects:</p>				
<p>Do these interfere with helicopter approaches or departures?</p>				
<p>14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no</p>				
<p>a. Is it possible to remove the obstructions listed above?</p>				
<p>b. If obstructions cannot be removed, are they properly marked?</p>				
<p>15. Is there an installed wind indicator? No Is it:</p>				
<p>a. Properly located?</p>		<p>b. Serviceable?</p>		<p>c. Readily visible from the air?</p>
<p>16. Is there a plan, and are the necessary equipment and supplies on hand, to prevent hazardous conditions due to snow and ice? None</p>				
<p>17. Does the helipad size permit landings when one or more helicopters are already on the ground? yes</p>				
<p>Are Parking spaces clearly marked from the air?</p>				
<p>18. Are warning signs displayed or guidelines drawn to prevent people from walking into moving rotor blades?</p>				

H-127 JSA Rear

Consult FLIP VFR Arrival
Charts Korea



SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)		DATE: 31 Oct 02	
1. Heliport Designation or Coordinates: H-172 CAMP GARY OWENS			
2. Responsible Unit: 4-7 Cav			
3. Largest Helicopter Accommodated: UH-60			
4. Elevation 35 m	5. Best Approach Heading: 270		6. Best Departure Route: 270
7. Environmental Conditions Affecting Operations and Safety:			
a. Surrounding Terrain: Mountainous, steep		b. Probable Wind Currents: 360 but Variable	
c. Other (Specify):			
8. Landing area Width: 50 ft Length: 150 ft		9. Landing Pad(s) Width: 30 ft Length: 30 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): grass			
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): grass, large trees surround landing area			
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better, 5 :1			
13.	Distance from edge of landing pad to fixed objects: 50 ft		
	Do these interfere with helicopter approaches or departures? Yes, use caution with trees surrounding site		
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? yes			
a. Is it possible to remove the obstructions listed above? no			
b. If obstructions cannot be removed, are they properly marked? yes			
15. Is there an installed wind indicator? yes Is it:			



APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)			DATE: 31 OCT 02	
Helipad H-173 HILL 496 H-173 HILL 496 coordinates:				
1.				
2. Responsible Unit: 4-7 Cav				
3. Largest Helicopter Accommodated: UH-60				
4. Elevation 420 m		5. Best Approach Heading: 360		6. Best Departure Route: 360
7. Environmental Conditions Affecting Operations and Safety:				
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable	
c. Other (Specify):				
8. Landing area Width: 30 ft		Length: 50 ft		9. Landing Pad(s) Width: 30 ft
Length: 50 ft				
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Paved				
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): Buildings to the W, tower and buildings to E.				
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> _____:1				
13.	Distance from edge of landing pad to fixed objects: 50 ft			
	Do these interfere with helicopter approaches or departures? Not on specified approach heading			
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? yes				
a. Is it possible to remove the obstructions listed above? no				
b. If obstructions cannot be removed, are they properly marked? yes				
15. Is there an installed wind indicator? no Is it:				
a. Properly located? no		b. Serviceable? no		c. Readily visible from the air? no
16. Is there a plan, and are the necessary equipment and supplies on hand, to prevent hazardous conditions due to snow and ice? no				
17.	Does the helipad size permit landings when one or more helicopters are already on the ground? no			
	Are Parking spaces clearly marked from the air? yes			
18. Are warning signs displayed or guidelines drawn to prevent people from walking into moving rotor blades? no				



H-173 Hill 496



H-177 CHARLEY BLOCK

LZ NAME AND COORDINATES: H177 (Charlie Block)	DATE: 31 Oct 02
Elevation: 650	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: Terrain drops off	ENVIRONMENTAL CONDITIONS AND SAFETY: 140' Tower North of pad, 20 ' power lines West side. 10' Fence 80 ' from pad, Surrounds
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Cement
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:



H-207

LZ NAME AND COORDINATES: H207 (Camp Stanley)	DATE: 31 Oct 02 Consult FLIP for update
Elevation: 234'	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING: 170 degrees	BEST DEP HEADING: 350 degrees
SURROUNDING TERRAIN: Flat in immediate vicinity, Mountainous in the surrounding area. Mountains to the immediate South and East	ENVIRONMENTAL CONDITIONS AND SAFETY: Pads and taxiways not to standard.
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: Variable
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Concrete and asphalt in good condition
	SLOPE:
LANDING AREA WIDTH: 340'	LANDING AREA LENGTH: 500'
APPROACH/DEPARTURE ZONE (10:1): Better than 10:1	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 100' to fence
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes	REMARKS: See FLIP



LZ NAME AND COORDINATES:	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: URBAN	ENVIRONMENTAL CONDITIONS AND SAFETY: NUMEROUS BUILDINGS IN APPROACH PATH
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: GRASS
	SLOPE:
LANDING AREA WIDTH: 100 M	LANDING AREA LENGTH: 200 M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS: RECON RECOMMENDED BEFORE USE



H-221

10/28/2002

CAMP CASEY (H-221)

LZ NAME AND COORDINATES: CAMP CASEY H-221	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS AND URBAN	ENVIRONMENTAL CONDITIONS AND SAFETY: NUMEROUS BUILDINGS, FLAG POLES
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: PAVEMENT
	SLOPE:
LANDING AREA WIDTH: 100 FT	LANDING AREA LENGTH: 200 FT
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE	REMARKS:

(H-209) CAMP RED CLOUD



10/29/2002

LZ NAME AND COORDINATES:	DATE: 31 OCT 02
Elevation: 210'	LARGEST HELICOPTER ACCOMIDATED: UH-60
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS, URBAN	ENVIRONMENTAL CONDITIONS AND SAFETY: TALL TREES AND LIGHT POLES NEAR FINAL APPROACH PATH
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: VARIABLE PAVEMENT AND GRASS SLOPE:
LANDING AREA WIDTH: 50 M	LANDING AREA LENGTH: 50 M
APPROACH/DEPARTURE ZONE (10:1) :	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON	REMARKS: RECON RECOMMENDED BEFORE USE



NORTH



SOUTH

LZ NAME AND COORDINATES: H220 (Camp Mobile)	DATE: 31 OCT 02 Closed But used for missions
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: FLAT, URBAN AREA	ENVIRONMENTAL CONDITIONS AND SAFETY: RECON REQUIRED BEFORE AIRCRAFT LAND.
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: ASPHALT
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS:

H-230 CAMP EDWARDS

APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE 31 OCT 02	
1. Heliport Designation or Coordinates: H-230 CAMP EDWARDS CG 05008270					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: UH-60					
4. Elevation 40 m		5. Best Approach Heading: 270		6. Best Departure Route: 270	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: Variable		
c. Other (Specify):					
8. Landing area Width: 40 ft		Length: 60 ft		9. Landing Pad(s) Width: 40 ft	
				Length: 60 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Paved					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): large trees surround landing site					
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better, <input type="text" value="7"/> :1					
13.	Distance from edge of landing pad to fixed objects: 50 ft				
	Do these interfere with helicopter approaches or departures? Not on specified approach heading				
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? yes					
a. Is it possible to remove the obstructions listed above? no					
b. If obstructions cannot be removed, are they properly marked? yes					

**Remarks: Large power lines to the West of helipad
approx 800 meters.**

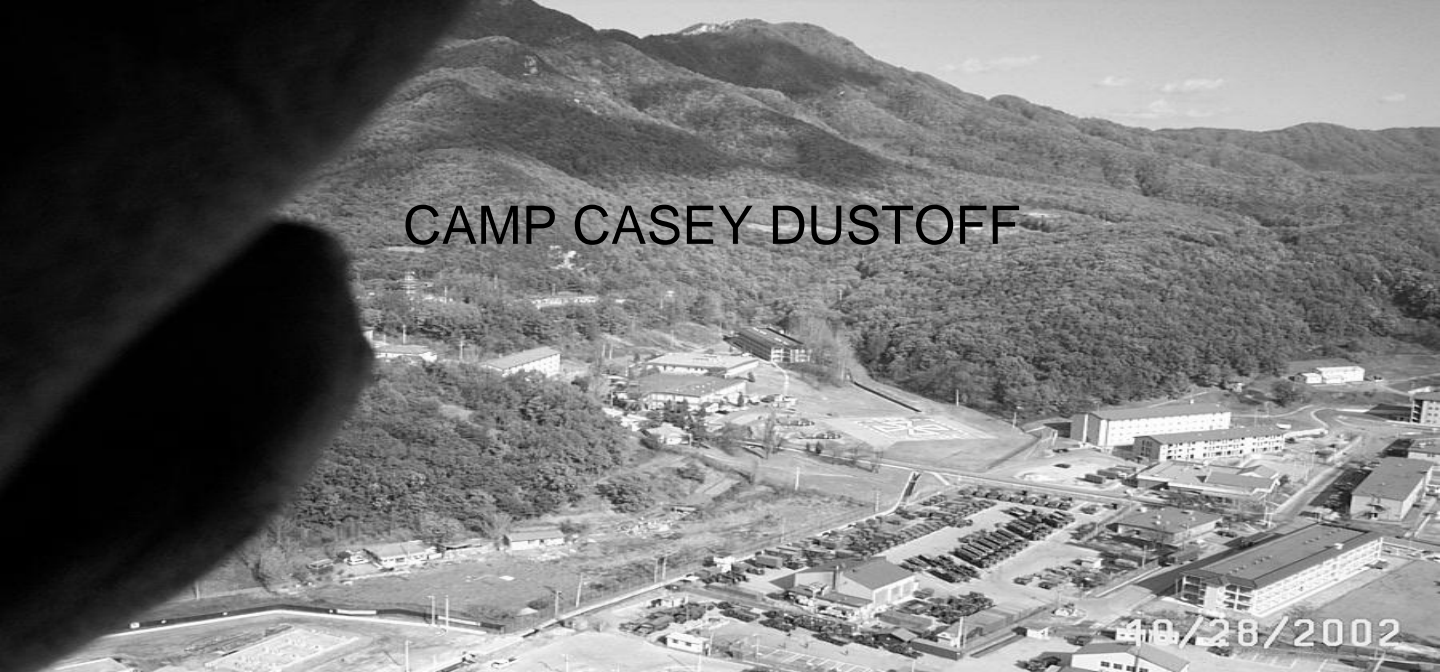
H-230





LZ NAME AND COORDINATES:	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: UH-60
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS	ENVIRONMENTAL CONDITIONS AND SAFETY: DUST LANDINGS, SOCCER GOALS AT EACH END OF LANDING AREA
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: DIRT AND GRAVEL
	SLOPE:
LANDING AREA WIDTH: 50 M	LANDING AREA LENGTH: 75M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE	REMARKS:

CAMP CASEY DUSTOFF



// 10 CH 35001550

LZ NAME AND COORDINATES: CAMP CASEY DUSTOFF	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS AND URBAN	ENVIRONMENTAL CONDITIONS AND SAFETY: NUMEROUS BUILDINGS, FLAG POLES
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: PAVEMENT
	SLOPE:
LANDING AREA WIDTH: 75 FT	LANDING AREA LENGTH: 75 FT
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS: RECON RECOMMENDED BEFORE USE



H263 (Camp Hovey) CLOSED

LZ NAME AND COORDINATES: H263 (Camp Hovey)	DATE: 31 OCT 02 CLOSED
Elevation:	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN:	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE:
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:

Remarks:

- 30 ft pole located 50 ft from the NE end of the runway.
- Commo: Maeng Ho Tower 38.00
- Consult the VFR Arrival/Departure FLIP for more info.





R-213

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE 30 OCT 02	
1. Heliport Designation or Coordinates: R213 CG 5460 8670					
2. Responsible Unit: 1-2 AVN					
3. Largest Helicopter Accommodated: CH-47					
4. Elevation 420 ft		5. Best Approach Heading: 170 / 350		6. Best Departure Route: 350 / 170	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: 200 ft Hills – 200 meters East of the airfield			b. Probable Wind Currents: 240		
c. Other (Specify):					
8. Landing area			9. Landing Pad(s)		
Width: 100 ft	Length: 2200 ft	Width: 20 ft	Length: 20 ft		
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Earth					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any):					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , ____:1					
13.	Distance from edge of landing pad to fixed objects:				
	Do these interfere with helicopter approaches or departures? Not on specified approach heading				
14. <u>Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? Yes. See Remarks</u>					
a. Is it possible to remove the obstructions listed above? No					
b. If obstructions cannot be removed, are they properly marked? No					



R-222

LZ NAME AND COORDINATES: R222	DATE: 31 OCT 02 CONSULT FLIP FOR UPDATED DATA
Elevation:	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN:	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE:
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:



R-227



LZ NAME AND COORDINATES: R227	DATE: 31 OCT 02 CONSULT FLIP FOR UPDATED DATA
Elevation:	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN:	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE:
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:



R227



R-231 ROK A/F SUNJ-JIN



LZ NAME AND COORDINATES: R231	DATE: 31 OCT 02 CONSULT FLIP FOR UPDATED DATA
Elevation:	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN:	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE:
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1)	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:

R-304



PPE

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				31 OCT 02	
1. Heliport Designation or Coordinates: R304 CG 69008800					
2. Responsible Unit: 1-2 AVN					
3. Largest Helicopter Accommodated: AH-64					
4. Elevation 21 m		5. Best Approach Heading: 335 /155		6. Best Departure Route: 155 / 355	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: 534 ft Hill 700 meters East of the airfield			b. Probable Wind Currents: 290		
c. Other (Specify):					
8. Landing area			9. Landing Pad(s)		
Width: 150 meters		Length: 500 meters		Width: Length:	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Broken asphalt and concrete					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any):					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , 10:1					
13. Distance from edge of landing pad to fixed objects: 250 meters					
Do these interfere with helicopter approaches or departures? No					
14. <u>Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no</u>					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? No Is it:					
a. Properly located?		b. Serviceable?		c. Readily visible from the air?	

- Remarks:**
- Numerous 55 gallon barrels on the runway.
 - R304 located within the city of Gapyiong
 - Wires located 500 meters North of the airfield, running East - West
 - Wires located 200 meters South of airfield, running East - West
- R-304





SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: R313 CH 84802010					
2. Responsible Unit: 1-2 AVN					
3. Largest Helicopter Accommodated: CH-47					
4. Elevation 460 ft		5. Best Approach Heading: 010 / 190		6. Best Departure Route: 190 / 010	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: 300 ft ridgeline 100 meters East of airfield, running North - South			b. Probable Wind Currents: Variable		
c. Other (Specify):					
8. Landing area Width: 50 ft		Length: 1700 ft		9. Landing Pad(s) Width: Length:	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Asphalt					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any):					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> :1					
13. Distance from edge of landing pad to fixed objects: 25 ft trees 100 feet to the right of the approach end of runway 190. Do these interfere with helicopter approaches or departures?					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? No Is it:					
a. Properly located?		b. Serviceable?		c. Readily visible from the air?	

Remarks:

- **Wires running North - South 400 meters of the airfield**
- **185 ft antenna two nautical miles South of the airfield**
- **Consult the VFR Arrival/Departure FLIP for more information**



A-306



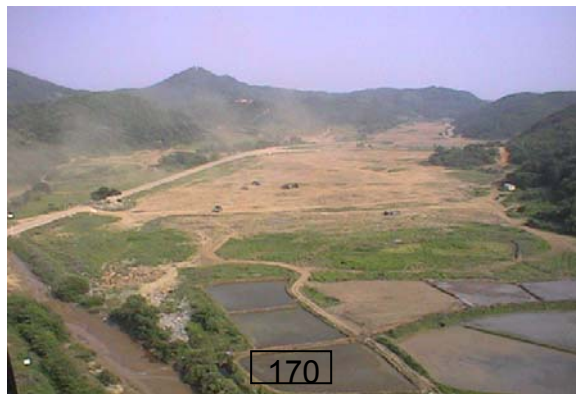
SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)		DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: A306 Camp Page CONSULT VFR ARRIVAL/DEPARTURE FLIP.			
2. Responsible Unit: 1-2 AVN			
3. Largest Helicopter Accommodated: 4.			
4. Elevation		5. Best Approach Heading:	
		6. Best Departure Route:	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain:		b. Probable Wind Currents:	
c. Other (Specify):			
8. Landing area Width:		Length:	
		Width:	
		Length:	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any):			
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any):			
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> :1			
13. Distance from edge of landing pad to fixed objects:			
Do these interfere with helicopter approaches or departures?			
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations?			
a. Is it possible to remove the obstructions listed above?			

A-306 CAMP PAGE



Twin Bridges



LZ NAME AND COORDINATES: Twin Bridges CG 17929567	DATE: 31 Oct 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING: 350 / 170	BEST DEP HEADING: 350 / 170
SURROUNDING TERRAIN: Steep Terrain on all sides	ENVIRONMENTAL CONDITIONS AND SAFETY: Extremely Dusty Surface uneven And Rutted
NIGHT CONSIDERATIONS: No Lighting	PROBABLE WIND CURRENTS: North to South
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dirt
	SLOPE: Level with Ruts
LANDING AREA WIDTH: 500 Meters	LANDING AREA LENGTH: 1000 Meters
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: Small wires surround entire LZ
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE: No	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? No
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes	REMARKS:

Dam Site



LZ NAME AND COORDINATES: Dam Site CG20329310	DATE: 31 Oct 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING: 350	BEST DEP HEADING: 170
SURROUNDING TERRAIN: Small hills to the East and West Earthen Dam to the North	ENVIRONMENTAL CONDITIONS AND SAFETY: Dusty Conditions
NIGHT CONSIDERATIONS: Excessive manmade illumination to the East	PROBABLE WIND CURRENTS: Southwest
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Natural loose dirt dusty Rocks and other protruding objects
	SLOPE:
LANDING AREA WIDTH: 300 Meters	LANDING AREA LENGTH: 150 Meters
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes	REMARKS: No Fly area 5 KM South

Green 2



LZ NAME AND COORDINATES: Green 2 Pinnacle CG42908210	DATE: 31 Oct 02
Elevation: 480 FEET	LARGEST HELICOPTER ACCOMIDATED: 1 OH-58 D
BEST APP HEADING: 060	BEST DEP HEADING: 060
SURROUNDING TERRAIN: Mountainous, steep	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dirt / Grass
	SLOPE:
LANDING AREA WIDTH: 20 FT	LANDING AREA LENGTH: 20 FT
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 10 FT
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? NO
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? NO	REMARKS:

Hill 534



LZ NAME AND COORDINATES: Hill 534 CG47609150	DATE: 31 Oct 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: 1 UH-60, 1 AH -64
BEST APP HEADING: 180	BEST DEP HEADING: 180
SURROUNDING TERRAIN: On ridgeline terrain slopes away	ENVIRONMENTAL CONDITIONS AND SAFETY: Light dust
NIGHT CONSIDERATIONS: Normal Confined Area	PROBABLE WIND CURRENTS: Southwest
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dirt
	SLOPE:
LANDING AREA WIDTH: 70 ft	LANDING AREA LENGTH: 100 ft
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: Cement Bunker 20ft in front
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE: No	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? No
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? No	REMARKS: Caution at night due to bunker

Imjin Pinnacle



LZ NAME AND COORDINATES: Imjin Pinnacle CH242078	DATE: 31 Oct 02
Elevation: 900 ft	LARGEST HELICOPTER ACCOMIDATED: UH-60
BEST APP HEADING: 090	BEST DEP HEADING: 090
SURROUNDING TERRAIN: Flat terrain to North Rolling Terrain to South	ENVIRONMENTAL CONDITIONS AND SAFETY: Dusty 15 ft pole at SE corner of LZ No fly line 3 Km North Landing area large enough for Wheelbase
NIGHT CONSIDERATIONS: Lack of Contrast	PROBABLE WIND CURRENTS: Southwest
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Packed Dirt
	SLOPE:
LANDING AREA WIDTH: 30 ft	LANDING AREA LENGTH: 30 ft
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: Pole 45 ft from landing area
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE: No	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? No
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? No	REMARKS: Korea Communications equipment may be present

IMJIN South



LZ NAME AND COORDINATES: IMJIN South CH 243087	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH 47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS AND RIVER	ENVIRONMENTAL CONDITIONS AND SAFETY DUST LANDINGS AND UNEVEN TERRAIN
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH 3: 12.5 UH 0: 19.5 CH 47: 30.4	LANDING SURFACE: DIRT AND GRAVEL
	SLOPE: YES
LANDING AREA WIDTH: 300 M	LANDING AREA LENGTH: 600 M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS: RECON RECOMMENDED BEFORE USE

Crow's Foot Pinnacle



LZ NAME AND COORDINATES: Crow's Foot Pinnacle CH277062	DATE: 31 Oct 02
Elevation: 460 FT	LARGEST HELICOPTER ACCOMIDATED: 1 OH-58D
BEST APP HEADING: 350	BEST DEP HEADING: 170
SURROUNDING TERRAIN: Mountainous, Steep	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: Variable
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dirt/Grass
	SLOPE:
LANDING AREA WIDTH: 20 ft	LANDING AREA LENGTH: 20 ft
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 10 ft
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? No
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? No	REMARKS:

SIERRA DZ



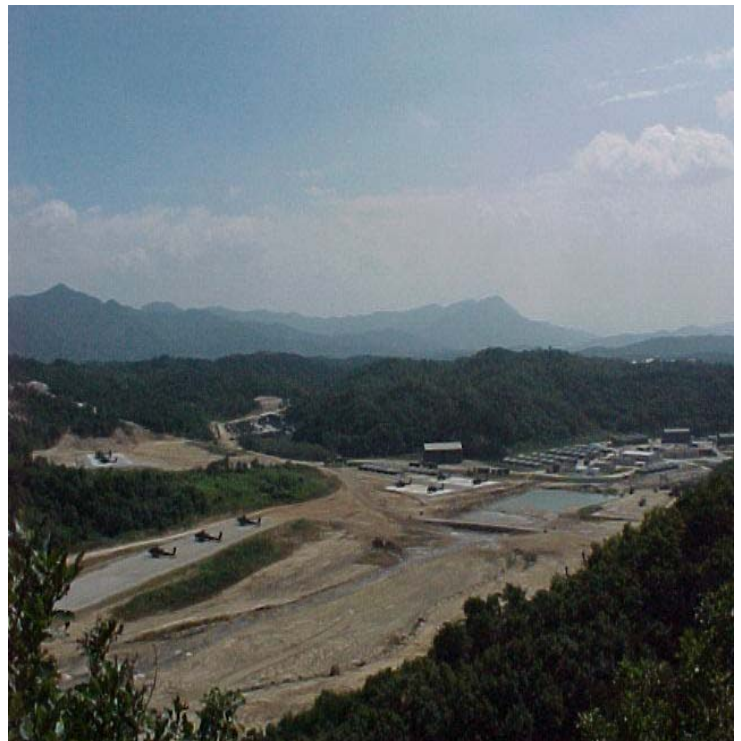
LZ NAME AND COORDINATES: SIERRA DZ CH 3500 1350 to 36401370	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH 47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: RIVER, TREES, HILLS	ENVIRONMENTAL CONDITIONS AND SAFETY: DUST LANDINGS
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: DIRT AND GRAVEL
	SLOPE:
LANDING AREA WIDTH: 100 M	LANDING AREA LENGTH: 300 M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS: RECON RECOMMENDED BEFORE USE

Brickyard



LZ NAME AND COORDINATES: Brickyard CH41600860	DATE: 31 OCT 02
Elevation: 230 feet	LARGEST HELICOPTER ACCOMIDATED: CH47
BEST APP HEADING: 250	BEST DEP HEADING: 250
SURROUNDING TERRAIN: Rising terrain to the South and West	ENVIRONMENTAL CONDITIONS AND SAFETY: Dusty small wires at departure end.
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: South west
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Unimproved Dirt
	SLOPE:
LANDING AREA WIDTH: 100 meter	LANDING AREA LENGTH: 300 meters
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes	REMARKS:

MPRC



LZ NAME AND COORDINATES: MPRC (Main & Lower Pads) CH43700920	DATE: 31 Oct 02
Elevation: 296 ft	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING: 360	BEST DEP HEADING: 360
SURROUNDING TERRAIN: Flat landing Areas, with rising terrain East and West sides of the Valley	ENVIRONMENTAL CONDITIONS AND SAFETY: Dusty, With Improved gravel strip and hard stand pads
NIGHT CONSIDERATIONS: Large Wires South of KTC	PROBABLE WIND CURRENTS: Variable
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dusty, With Improved gravel strip and hard stand pads
	SLOPE:
LANDING AREA WIDTH: 200 ft	LANDING AREA LENGTH: 500 ft
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 200 ft
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? Yes
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes	REMARKS:

Cheorwan Pinnacle



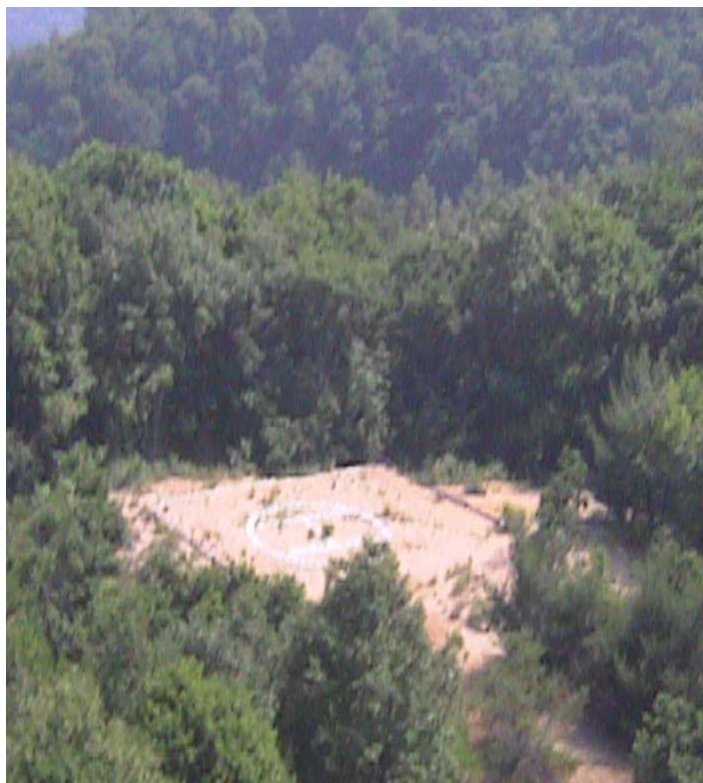
LZ NAME AND COORDINATES: Cheorwan Pinnacle CH452324	DATE: 31 Oct 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: 1 OH-58D
BEST APP HEADING: 030/210	BEST DEP HEADING: 030/210
SURROUNDING TERRAIN: Sloping Away	ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: Variable
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Hard Pack Sand with Rocks
	SLOPE:
LANDING AREA WIDTH: 6 Meters	LANDING AREA LENGTH: 30 Meters
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 0 Ft
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? NO
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes 1 OH-58D on Maltese	REMARKS:

Resort 1



LZ NAME AND COORDINATES: Resort 1 CH5250134 0	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: Sloping Away	ENVIRONMENTAL CONDITIONS AND SAFETY: Un-usable Trees Need trimming DUSTY
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dirt and Grass
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? NO	REMARKS:

Resort 2



LZ NAME AND COORDINATES: Resort 2 CH52701460	DATE: 31 Oct 02
Elevation: 400 ft	LARGEST HELICOPTER ACCOMIDATED: OH-58D
BEST APP HEADING: 080	BEST DEP HEADING: 360
SURROUNDING TERRAIN: Mountainous, Steep	ENVIRONMENTAL CONDITIONS AND SAFETY: Dusty
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: Variable
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Dirt/Grass
	SLOPE:
LANDING AREA WIDTH: 20 ft	LANDING AREA LENGTH: 20 ft
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 10 ft
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? No
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? No	REMARKS:



LZ NAME AND COORDINATES: Crew PZ CG31909810	DATE: 31 Oct 02
Elevation: 330 ft	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING: 360	BEST DEP HEADING: 360
SURROUNDING TERRAIN: High terrain on all sides	ENVIRONMENTAL CONDITIONS AND SAFETY: Dusty, Wires along West side of LZ
NIGHT CONSIDERATIONS: Manmade Illumination	PROBABLE WIND CURRENTS: Westerly
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: Gravel and Packed dirt
	SLOPE:
LANDING AREA WIDTH: 200 ft	LANDING AREA LENGTH: 600 ft
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: N/A
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? No
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? Yes	REMARKS:



LZ NAME AND COORDINATES: CH 4440 3246	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: UH Ø
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS	ENVIRONMENTAL CONDITIONS AND SAFETY: DUST LANDINGS
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: DIRT, GRAVEL, GRASS
	SLOPE:
LANDING AREA WIDTH: 50 FT	LANDING AREA LENGTH: 50 FT
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? NO	REMARKS: RECON RECOMMENDED BEFORE USE



SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: : 31 OCT 02	
1. Heliport Designation or Coordinates: CH-4962-1996 (Victory Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: UH-60					
4. Elevation 250 m		5. Best Approach Heading: 270		6. Best Departure Route: 270	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: Variable		
c. Other (Specify): Trees on Right and left side are 15 ft in height No factor for landing Excellent Helicopter training sight					
8. Landing area			9. Landing Pad(s)		
Width: 60 ft	Length: 40 ft	Width: 60 ft	Length: 40 ft		
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees N and S					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1					
13.	Distance from edge of landing pad to fixed objects: 5 ft				
	Do these interfere with helicopter approaches or departures? Not on specified approach heading				
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? no Is it:					
a. Properly located?		b. Serviceable?		c. Readily visible from the air?	



APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: (Pinnacle) CG-1960-9410					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 220 ft		5. Best Approach Heading: 180		6. Best Departure Route: 180	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: Variable		
c. Other (Specify):					
8. Landing area Width: 20 ft		Length: 20 ft		9. Landing Pad(s) Width: 20 ft	
Length: 20 ft					
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees and brush					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1					
13. Distance from edge of landing pad to fixed objects: 20 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? no Is it:					



APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)			DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CG-1650-9693 (Pinnacle)				
2. Responsible Unit: 4-7 Cav				
3. Largest Helicopter Accommodated: OH-58D				
4. Elevation 100 m		5. Best Approach Heading: 090		6. Best Departure Route: 090
7. Environmental Conditions Affecting Operations and Safety.				
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable	
c. Other (Specify):				
8. Landing area Width: 20 ft		Length: 30 ft		9. Landing Pad(s) Width: 20 ft
Length: 30 ft				
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt, sand; Possibility of brown out				
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees and brush				
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1				
13. Distance from edge of landing pad to fixed objects: 10 ft				
Do these interfere with helicopter approaches or departures? Not on specified approach heading				
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no				
a. Is it possible to remove the obstructions listed above?				



CH 44403246

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CH-4440-3246 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 250 m		5. Best Approach Heading: 190		6. Best Departure Route: 170	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: Variable		
c. Other (Specify): cliff to the W of pad, slopes upward					
8. Landing area Width: 40 ft		Length: 50 ft		9. Landing Pad(s) Width: 20 ft	
				Length: 20 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on W, large trees to the E, S, and W					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> :1					
13. Distance from edge of landing pad to fixed objects: 50 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? no					
a. Properly located?		b. Serviceable?		c. Readily visible from the air?	



CH-42961480

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CH-4296-1480 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 180 m		5. Best Approach Heading: 280		6. Best Departure Route: 260	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep				b. Probable Wind Currents: 360 but Variable	
c. Other (Specify): cliff to the N of pad, slopes upward; possibility of brown out					
8. Landing area Width: 30 ft		Length: 40 ft		9. Landing Pad(s) Width: 30 ft	
				Length: 40 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt, sand					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on N, large trees to the N and W					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1					
13. Distance from edge of landing pad to fixed objects: 25 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					

Remarks: Santa Barbara range is to the West

CH-41141584

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)			DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CH-4114-1584 (Pinnacle)				
2. Responsible Unit: 4-7 Cav				
3. Largest Helicopter Accommodated: OH-58D				
4. Elevation 480 m		5. Best Approach Heading: 270		6. Best Departure Route: 270
7. Environmental Conditions Affecting Operations and Safety:				
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable	
c. Other (Specify):				
8. Landing area Width: 20 ft		Length: 20 ft		9. Landing Pad(s) Width: 20 ft
Length: 20 ft				
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt				
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on E and W, small trees to the W				
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1				
13.	Distance from edge of landing pad to fixed objects: 15 ft			
	Do these interfere with helicopter approaches or departures? Not on specified approach heading			
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no				
a. Is it possible to remove the obstructions listed above?				
b. If obstructions cannot be removed, are they properly marked?				

Remarks: Santa Barbara range is to the West.

CH-41051575

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE:31 OCT 02	
1. Heliport Designation or Coordinates: CH-4105-1575 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 480 m		5. Best Approach Heading: 270		6. Best Departure Route: 270	
7. Environmental Conditions Affecting Operations and Safety.					
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable		
c. Other (Specify):					
8. Landing area Width: 20 ft		Length: 20 ft		9. Landing Pad(s) Width: 20 ft	
				Length: 20 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on E and W, small trees to the W					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1					
13.					
Distance from edge of landing pad to fixed objects: 30 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					



SURVEY OF HELICOPTER LANDING AREAS

<p align="center">SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)</p>				<p align="center">DATE: 31 OCT 02</p>	
<p>1. Heliport Designation or Coordinates: CG-4311-9554 (Pinnacle)</p>					
<p>2. Responsible Unit: 4-7 Cav</p>					
<p>3. Largest Helicopter Accommodated: OH-58D</p>					
<p>4. Elevation 280 m</p>		<p>5. Best Approach Heading: 360</p>		<p>6. Best Departure Route: 360</p>	
<p>7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep</p>			<p>b. Probable Wind Currents: 360 but Variable</p>		
<p>c. Other (Specify): Possible brownout conditions</p>					
<p>8. Landing area Width: 15 ft</p>		<p>Length: 20 ft</p>		<p>9. Landing Pad(s) Width: 15 ft</p>	
				<p>Length: 20 ft</p>	
<p>10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt, sand</p>					
<p>11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on all sides of pinnacle large trees to NE</p>					
<p>12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better :1</p>					
<p>13. Distance from edge of landing pad to fixed objects: 30 ft</p>					
<p>Do these interfere with helicopter approaches or departures? Not on specified approach heading</p>					
<p>14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no</p>					
<p>a. Is it possible to remove the obstructions listed above?</p>					

Remarks: Pochon noise avoidance area is to the SW.





CG 19408544

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CG-1940-8544 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: UH-60					
4. Elevation 220 m		5. Best Approach Heading: 180		6. Best Departure Route: 180	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable		
c. Other (Specify): Possible brownout conditions					
8. Landing area Width: 70 ft			Length: 100 ft		
9. Landing Pad(s) Width: 70 ft			Length: 100 ft		
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt, sand, southern 1/3 slopes to south (approx. 5 degrees)					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees and brush					
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better, _____:1					
13. Distance from edge of landing pad to fixed objects: 3 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15.					



#28 CG 19408544



CG 19148553

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CG-1914-8553 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 250 m		5. Best Approach Heading: 270		6. Best Departure Route: 270 then NW	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable		
c. Other (Specify): Possible brownout conditions					
8. Landing area			9. Landing Pad(s)		
Width: 30 ft		Length: 40 ft		Width: 20 ft	
				Length: 20 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt, sand					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees and brush					
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , _____:1					
13. Distance from edge of landing pad to fixed objects: 3 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? no Is it:					



#29 CG 19148553

Remarks: - KSR is 500 meters to the NW. Use caution for traffic in the pattern.

Un Usable at this time

Area needs trim

CG 10858465

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)		DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CG-1085-8465 (Pinnacle)			
2. Responsible Unit: 4-7 Cav			
3. Largest Helicopter Accommodated: OH-58D			
4. Elevation 100 m	5. Best Approach Heading: 360		6. Best Departure Route: 360
7. Environmental Conditions Affecting Operations and Safety:			
a. Surrounding Terrain: Mountainous, steep		b. Probable Wind Currents: 360 but Variable	
c. Other (Specify):			
8. Landing area		9. Landing Pad(s)	
Width: 20 ft	Length: 20 ft	Width: 20 ft	Length: 20 ft
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt			
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees and brush			
12. Approach-Departure Zone out to 1500 feet from landing pad: <u>10:1 or better</u> , ____:1			
13.	Distance from edge of landing pad to fixed objects: 3 ft		
	Do these interfere with helicopter approaches or departures? Not on specified approach heading		
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no			
a. Is it possible to remove the obstructions listed above?			
b. If obstructions cannot be removed, are they properly marked?			
15. Is there an installed wind indicator? no Is it:			
Remarks:		Remarks:	



SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CH-6118-0836 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 1100 m		5. Best Approach Heading: 200		6. Best Departure Route: 200	
7. Environmental Conditions Affecting Operations and Safety:					
a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: Variable		
c. Other (Specify):					
8. Landing area Width: 30 ft		Length: 30 ft		9. Landing Pad(s) Width: 30 ft	
				Length: 30 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees on the S, steep slope upward to the S					
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better, _____:1					
13.	Distance from edge of landing pad to fixed objects: 15ft				
	Do these interfere with helicopter approaches or departures? Not on specified approach heading				
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? no Is it:					
a. Properly located?		b. Serviceable?		c. Readily visible from the air?	



CH 49621996



CH 44031487

APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)		DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CH-4403-1487 (Pinnacle)			
2. Responsible Unit: 4-7 Cav			
3. Largest Helicopter Accommodated: OH-58D			
4. Elevation 320 m	5. Best Approach Heading: 350		6. Best Departure Route: 170
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep		b. Probable Wind Currents: Variable	
c. Other (Specify): Steep slope on N, possible brown out			
8. Landing area Width: 30 ft	Length: 30 ft	9. Landing Pad(s) Width: 30 ft	Length: 30 ft
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt, sand			
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on N, large trees to the E, N, and W			
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better, :1			
13.	Distance from edge of landing pad to fixed objects: 15 ft		
14.	Do these interfere with helicopter approaches or departures? Not on specified approach heading		
15. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no			
a. Is it possible to remove the obstructions listed above?			



SURVEY OF HELICOPTER LANDING AREAS

<p align="center">SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)</p>				<p align="center">DATE: 31 OCT 02</p>	
<p>1. Heliport Designation or Coordinates: CH-4365-1440 (Pinnacle)</p>					
<p>2. Responsible Unit: 4-7 Cav</p>					
<p>3. Largest Helicopter Accommodated: OH-58D</p>					
<p>4. Elevation 250 m</p>		<p>5. Best Approach Heading: 190</p>		<p>6. Best Departure Route: 170</p>	
<p>7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep</p>				<p>b. Probable Wind Currents: Variable</p>	
<p>c. Other (Specify):</p>					
<p>8. Landing area Width: 50 ft</p>		<p>Length: 50 ft</p>		<p>9. Landing Pad(s) Width: 20 ft</p>	
<p>Length: 20 ft</p>					
<p>10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt</p>					
<p>11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): steep slope on E, large trees to the E</p>					
<p>12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better</p>					
<p>13. Distance from edge of landing pad to fixed objects: 15 ft</p>					
<p>Do these interfere with helicopter approaches or departures? Not on specified approach heading</p>					
<p>14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no</p>					
<p>a. Is it possible to remove the obstructions listed above?</p>					
<p>b. If obstructions cannot be removed, are they properly marked?</p>					
<p>15. Is there an installed wind indicator? no</p>					
<p>a. Properly located?</p>		<p>b. Serviceable?</p>		<p>c. Readily visible from the air?</p>	
<p>16. Is there a plan, and are the necessary equipment and supplies on hand, to prevent hazardous conditions due to snow and ice? no</p>					
<p>17. Does the helipad size permit landings when one or more helicopters are already on the ground? no</p>					
<p>Are Parking spaces clearly marked from the air? yes</p>					
<p>18. Are warning signs displayed or guidelines drawn to prevent people from walking into moving rotor blades? no</p>					

Remarks: KSR is 800 meters to the East. Use caution for traffic in the pattern.

CG 09168492

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: CG-0916-8492 (Pinnacle)					
2. Responsible Unit: 4-7 Cav					
3. Largest Helicopter Accommodated: OH-58D					
4. Elevation 150 m		5. Best Approach Heading: 170		6. Best Departure Route: 170	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: Mountainous, steep			b. Probable Wind Currents: 360 but Variable		
c. Other (Specify):					
8. Landing area Width: 20 ft		Length: 20 ft		9. Landing Pad(s) Width: 20 ft	
				Length: 20 ft	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Dirt with patchy grass					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any): small trees and brush					
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better _____:1					
13. Distance from edge of landing pad to fixed objects: 10 ft					
Do these interfere with helicopter approaches or departures? Not on specified approach heading					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? no					
Is it:					



LZ WHITECASTLE

LZ NAME AND COORDINATES: LZ WHITECASTLE CG 81317350	DATE: 31 OCTOBER 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH-47
BEST APP HEADING: NORTH WEST	BEST DEP HEADING: NORTH WEST
SURROUNDING TERRAIN: CLIMBING TERRAIN TO THE NORTH	ENVIRONMENTAL CONDITIONS AND SAFETY: SEASONAL CONDITIONS, BROWN OUT CODITIONS, WHITE OUT CONDITIONS.
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: 290
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: VARIABLE: UNIMPROVED SURFACES.
	SLOPE:
LANDING AREA WIDTH: 200 FT	LANDING AREA LENGTH: 1000FT
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS:



LZ NAME AND COORDINATES: R222 CG23309480	DATE: 31 OCT 02 CONSULT FLIP FOR UPDATED DATA
Elevation:	LARGEST HELICOPTER ACCOMIDATED:
BEST APP HEADING: SURROUNDING TERRAIN:	BEST DEP HEADING: ENVIRONMENTAL CONDITIONS AND SAFETY:
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE:
	SLOPE:
LANDING AREA WIDTH:	LANDING AREA LENGTH:
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND?	REMARKS:



CEMETERY FIELD

LZ NAME AND COORDINATES: Cemetery FLD CG 2024 9185	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH 47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS, ROAD	ENVIRONMENTAL CONDITIONS AND SAFETY: DUST LANDINGS AND RUTS IN THE LANDING AREA
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: DIRT AND GRAVEL
	SLOPE:
LANDING AREA WIDTH: 100 M	LANDING AREA LENGTH: 300 M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS: RECON RECOMMENDED BEFORE USE



CHAPARRAL

LZ NAME AND COORDINATES: CHAPARRAL CH 2539 1251	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH 47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS, ROAD	ENVIRONMENTAL CONDITIONS AND SAFETY: DUST LANDINGS
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: DIRT AND GRAVEL
	SLOPE:
LANDING AREA WIDTH: 100 M	LANDING AREA LENGTH: 300 M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS: RECON RECOMMENDED BEFORE USE



LZ NAME AND COORDINATES: KUMSAN RI EAST and WEST CG 0228 8467	DATE: 31 OCT 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: CH 47
BEST APP HEADING:	BEST DEP HEADING:
SURROUNDING TERRAIN: MOUNTAINS, ROAD	ENVIRONMENTAL CONDITIONS AND SAFETY: DUST LANDINGS
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS: VARIABLE
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: DIRT AND GRAVEL
	SLOPE:
LANDING AREA WIDTH: 100 M	LANDING AREA LENGTH: 300 M
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS:
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE:	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED?
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? YES	REMARKS: RECON RECOMMENDED BEFORE USE

Western Terrain Flight Confined Area

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA Reg 95-2)				DATE: 31 OCT 02	
1. Heliport Designation or Coordinates: Western Terrain Flight Confined Area CG 8620 9780					
2. Responsible Unit: 1-2 AVN					
3. Largest Helicopter Accommodated: AH-64					
4. Elevation 250 ft		5. Best Approach Heading: 350		6. Best Departure Route: 350	
7. Environmental Conditions Affecting Operations and Safety: a. Surrounding Terrain: 25 ft trees surrounding the North, East, and West sides of the confined area			b. Probable Wind Currents: 290		
c. Other (Specify): One 20 ft tree located in the Northwest sector of the confined area.					
8. Landing area Width: 120 ft		Length: 150 ft		9. Landing Pad(s) Width: Length:	
10. Landing Pad Surface: Type, Condition, Repairs, and/or Improvements needed (if any): Earth—2 degree downward slope North-South					
11. Shoulders (runway): Width, Stabilization, Condition, Repairs, and/or Improvements needed (if any):					
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better :1					
13. Distance from edge of landing pad to fixed objects:					
Do these interfere with helicopter approaches or departures?					
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations? no					
a. Is it possible to remove the obstructions listed above?					
b. If obstructions cannot be removed, are they properly marked?					
15. Is there an installed wind indicator? No Is it:					
a. Properly located?		b. Serviceable?		c. Readily visible from the air?	
16. Is there a plan, and are the necessary equipment and supplies on hand, to prevent hazardous conditions due to snow and ice?					

- Remarks:**
- **Rice paddy located on the Southern edge of the confirmed area**
 - **Air to air frequency is UHF 268.8**
 - **Green houses located 400 meters North of the confined area**



Page Western Terrain Flight Confined Area
CG 86209780



Page Western Terrain Flight CG 54608670

LZ NAME AND COORDINATES: CG 54608670	DATE: 31 OCTOBER 02
Elevation:	LARGEST HELICOPTER ACCOMIDATED: UH-60, AH-64
BEST APP HEADING: NORTH	BEST DEP HEADING:
SURROUNDING TERRAIN: 20 FT TREES SURROUNDING SITE	ENVIRONMENTAL CONDITIONS AND SAFETY: SEASONAL CONDITIONS, BROWN OUT CODITIONS, WHITE OUT CONDITIONS.
NIGHT CONSIDERATIONS:	PROBABLE WIND CURRENTS:
CLEARED AREA NEEDED FOR ROTORS IN METERS: OH-58: 12.5 UH-60: 19.5 CH-47: 30.4	LANDING SURFACE: VARIABLE: UNIMPROVED SURFACES.
	SLOPE:
LANDING AREA WIDTH: 100 FT	LANDING AREA LENGTH: 100FT
APPROACH/DEPARTURE ZONE (10:1):	DISTANCE FROM LEADING EDGE OF LANDING AREA TO FIXED OBJECTS: 20 FT WIND SOCK POLE.
IS IT POSSIBLE TO REMOVE THE OBSTRUCTIONS LISTED ABOVE: NO	IF OBSTRUCTIONS CAN NOT BE REMOVED, ARE THEY PROPERLY MARKED? NO
DOES LZ SIZE PERMIT LANDINGS WHEN ONE OR MORE HELICOPTERS ARE ALREADY ON THE GROUND? NO	REMARKS: BARRIERS IN PLACE TO PREVENT USAGE, WINDSOCK UNSERVICEABLE